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Machine Translated from German

L28 ANSWER 1 OF 1 WPINDEX COPYRIGHT 2010 THOMSON REUTERS on STN
AN 1974-81091V [197447] WPINDEX Full-text<<LOGINID::20100917>>
TI Surgical needle roller - mounted releasably in holder for quick
sterilising
DC B07; P31; P34
PA (KIRC-N) KIRCHNER & WILHELM
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Surgical needle roller is mounted releasably and rotatably on a holder
which is provided with a curved cover for supporting the roller out of
contact with ambient objects when not in use. Pref. the holder has co-
axial integral stub shafts which journal the roller, the stub shafts
forming a continuation of a yoke.

CLAIMS MACHINE translated from German

1. Apparatus for medical purposes, with several needles mounted in the mutual distance an exhibiting B~delkörper, characterised in that of the needle bodies (2) as rotatable stored aristocracy-rolls with at least aristocracy formed attached at their Zylindernantel is.
2. Apparatus according to claim 1, characterised in that the needles in radial direction disposed are.
3. Apparatus according to claim 1 or 2, characterised in that the needles along straight coat lines mounted and adjacent rows lateral ge offset is by the dozen towards each other.
4. After apparatus or the several preceding Claims, characterised in that the rotatable Needle roller (2) removable holder (1), seen in one with handle, stored is.
5. Apparatus according to claim 4, characterised in that of the holders (1) of two coaxial bearing arms 4, 5 also against each other-pointing free round possesses, by which at least one is more movable opposite other, whereby at each end one as bearing pins (6, 7) serving Sphere or such formed or each end spherically formed are, and that at the two role faces hohlgeviölbte, bearing shells (8, 9) formed recesses corresponding form and size arig & racht are.
6. Apparatus according to claim 5, characterised in that of the holders (1) handle-like designed is and those Bearing arms (4, 5) to its free ends formed or by a waiting bending the same formed are.

7. Apparatus according to claim 5 and 6, characterised in that the bearing pins (6, 7) resilient into the bearing shells (8, 9) pressed are and the stirrup (1) with bordering notice for the pressing in slightly movement are provided.

8. Apparatus according to claim 7, characterised in that the limiting stop from a notice element (11), in particular bolts of the handle thigh (16) on the one hand and its free end an associated Abutment surface of the other handle thigh (15) of others seits exists, whereby the abutment surface in particular by - ndung the other leg formed is.

9. After Anparat or the several preceding Claims, characterised in that the j'adelrolle (2) partly, in particular approximately on their half over catch from one in the distance of the l \ #adelsnitzen ange arranged cover (j) covered is.

10. Apparatus according to claim 8 and 9, thus gekenn draws that the cover (v) at the Anschlagele is ment (11) attached or formed.

11. adelapparat nach einem oder mehreren der vorher gehenden Ansprüche, mit einer Schlageinrichtung, dadurch gekennzeichnet, dass die Schlageinrichtung durch wenigstens ein mit Kerben versehenes, mit dem Needle body (; #) connected or connectable wheel, in particular slot wheel (23) and per a resilient (28,29) to it pressed with the notches or detents cooperative, pivotal impact member (24, 25) formed is.

12.Apparat according to claim 11, by the fact identified calibration December that the firing mechanism disconnectible, in particular each impact member (? 4, 25) from the range of motion of the Rastenrades or such bring and fixed is placable.

13. Apparatus according to claim 11 or 1S, thus gekenn draws that both sides the Wadelrolle (2) drehfest with this connected or formed Slot wheel (23) disposed is and itself everyone. Impact member at a spring loaded brought support arm (29), ange at the holder, finds.

14. Apparatus according to claim 13, characterised in that the support arm (29) by a leaf spring formed is.

15. Apparatus after or the several claims 12 to 14, characterised in that each beat member (24, 25) by means of a compression spring (28) against its slot wheel (23) or such pressed is, away in particular the compression spring at the cover (3) for the needle roller (2) pushes.

16. ssterilisationsvorrichtung for needle rollers in accordance with or the several 1 to 3, ge attached, horizontal support arm (20) marks claims by a foot or a base plate (19) with one in it by means of its a one, abgewin kelten end, whereby in the range free Tragarmendes a notch pointing upward or a cross section en reduction (22) is provided, whose length corresponds for instance to the length of a needle roller (2).